



# Invasive Meningococcal Disease: 2017

## Los Angeles County Epidemiology Report

January 20, 2017



A second case of invasive meningococcal disease (IMD) has been reported in Los Angeles County (LAC) in 2017. Both patients are recovering. The serogroup was determined as B for one; the second case is pending. The total number of IMD cases in LAC in 2017 is now two, compared to 20 in 2016, 9 of whom were MSM\* (Table 1). The outbreak occurring since March 2016 throughout Los Angeles, Orange, and Ventura Counties is ongoing. Twenty-seven individuals from multiple jurisdictions, most of whom are MSM, have been associated with this regional outbreak caused by serogroup C. LAC DPH and neighboring health departments continue to work with the California Department of Public Health (CDPH) and Centers for Disease Control and Prevention (CDC) to investigate. Investigations to date have not determined any common social linkages among cases in the region. Due to ongoing cases, LAC DPH and affected jurisdictions reiterate the importance of offering the meningococcal vaccination to all MSM, as recommended below, in addition to all persons with HIV infection.

\*Men who have had intimate or sexual contact with another male.

**Table 1. Characteristics of IMD Cases: Los Angeles County, 2016-2017**

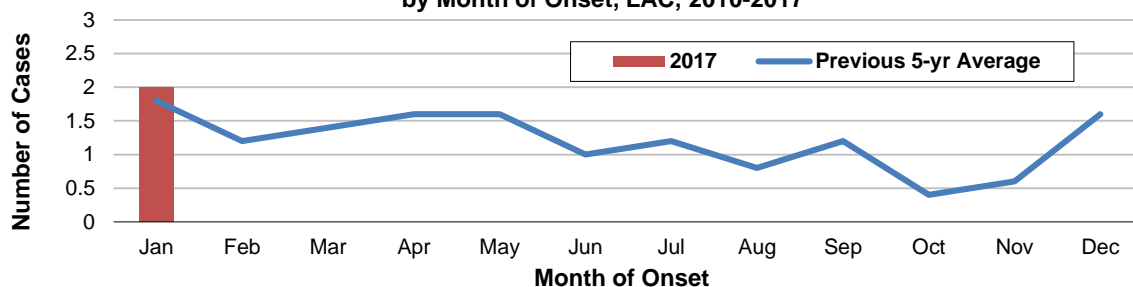
	Number of Cases <sup>1</sup>	Demographics		MSM	Serogroups						Deaths
		Gender M/F	Median Age (Range)		B	C	Y	W	Non-Groupable	Not Typed	
2017 (to date)	2	2/0	47.5 (NA)	0	1	0	0	0	0	1 <sup>2</sup>	0
2016	20	15/5	30.5 (13-76)	9	5	10	1	2	1	1 <sup>3</sup>	0

<sup>1</sup> Count as of Friday 1/20/2017, 5 pm. Excludes reports from Long Beach and Pasadena. Totals are provisional and subject to change.

<sup>2</sup> Pending serogroup identification.

<sup>3</sup> One was not available for typing.

**Invasive Meningococcal Disease Cases by Month of Onset, LAC, 2010-2017**



**Table 2. IMD Cases by Service Planning Area (SPA) Los Angeles County, 2017**

LOCATION	Year Total <sup>1</sup>	2016 Total
SPA 1: Antelope Valley	0	0
SPA 2: San Fernando	1	3 <sup>2</sup>
SPA 3: San Gabriel	0	3
SPA 4: Metro	0	5
SPA 5: West	0	4 <sup>3</sup>
SPA 6: South	0	0
SPA 7: East	1	3
SPA 8: South Bay	0	2
TOTAL	1	20

<sup>1</sup> Count as of Friday 1/20/2017, 5pm. Excludes Long Beach and Pasadena. Totals are provisional and subject to change.

<sup>2</sup> Includes a homeless resident.

<sup>3</sup> Traveled out of county during incubation period.

### Recommendations and Resources

LACDPH recommends meningococcal conjugate vaccine be offered to:

- All MSM, regardless of HIV status;
- All HIV-infected persons.

For IMD epidemiology reports and more information:

<http://publichealth.lacounty.gov/acd/Mening.htm>

For questions, please call:

Acute Communicable Disease Control (213) 240-7941

LACDPH continues to work with our community partners to provide updated information as it becomes available. If community groups are interested in a presentation about invasive meningococcal disease (IMD), please contact the Public Health Speaker's Bureau at:

<http://www.publichealth.lacounty.gov/hea/speakers.htm>